

ABSTRACT

In a traveling transmission in which an auxiliary transmission is interposed between a main clutch and a mechanical transmission, the
5 auxiliary transmission is configured such that power transmission is cut out interlockingly with the disengagement operation of the main clutch. For example, the auxiliary transmission is configured as a high-low speed selector device including a hydraulic-operated first hydraulic clutch and a spring-operated second hydraulic clutch. Preferably, there should be
10 provided a controller for changing the position of a direction switching valve for the first and second hydraulic clutches based on the operation of an operating member such as a pedal for disengaging the main clutch. According to the present invention, it is possible to shorten a time required for a speed change operation by the mechanical transmission and, also, to
15 achieve a smooth operation by the mechanical transmission.